

Work Order ID 156725 - 2

156725

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Tuesday, February 07, 2017 1:26:29 PM

Item ID: D3619-2

Revision ID:

Item Name: Grommet

Start Date: 2/9/2017 Start Qty: 4.00

Required Date: 2/23/2017 Req'd Qty: 4.00

Reference:

DAS
13 Accept
9-89

N9000040100

Setup Start *NS1*

Stop *NS2*

Cust Item ID:

Customer:

FEB 17 2017

Split-2-

4

4

IX

Approvals: Process Plan: _____ Date: FEB 07 2017 Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
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D3619	Rev A
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100

100

Purchasing

Purchasing

PURCHASING

Memo

Issue P/O: 35280 Purchase Part Number: 9610K18 Supplier: MC
MASTER CARR Certificate of conformity is required

0.00

0.00

4 FEB 10 2017

110

110

Packaging

Packaging

Receive & Inspect for Damage & Mat'l Certs

Memo

Ensure material certification is attached

0.00

0.01

IX SP17-02-16

120

120

QC

Quality Control

QC6- Inspect dimensions to drawing

Memo

0.00

0.00

1

FEB 16 2017

DAS
38
9-89

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FEB 21 2017

Picklist Print

Tuesday, February 07, 2017 1:26:32 PM

Page 1

Work Order ID: 156725

156725

Parent Item: D3619-2

D3619-2

Parent Item Name: Grommet

Start Date: 2/9/2017

Required Date: 2/23/2017

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:A New Issue 07-04-09 JLM

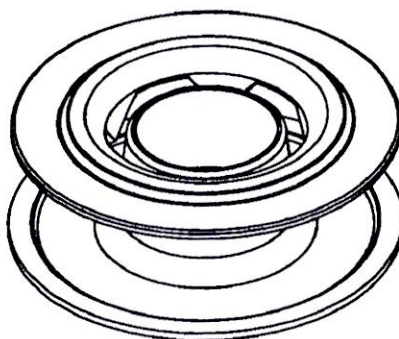
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
9610K18		Purchased	No			110	Each	0.0000	1				
9610K18									**				
GROMMET													

Handwritten: 1x 17-02-16



DESIGN <i>LE</i>	DRAWN BY <i>LE</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3619	REV. A SHEET 1 OF 1
DATE 07.03.26		TITLE GROMMET	SCALE NTS
REV A	DATE 07.03.26	DESCRIPTION NEW ISSUE	

SPECIFICATION CONTROL DRAWING



RELEASED
07 04 02 #

D3619-X GROMMET,
WHERE X REPRESENTS THE GROMMET TRADE SIZE

DART P/N	TRADE SIZE	DESCRIPTION	HOLE SIZE	MAX. MTL THICKNESS	MCMaster CARR P/N
D3619-0	0	BRASS GROMMET W/ TEETH	1/4	0.110	9610K16
D3619-1	1	BRASS GROMMET W/ TEETH	9/32	0.120	9610K17
D3619-2	2	BRASS GROMMET W/ TEETH	3/8	0.150	9610K18
D3619-3	3	BRASS GROMMET W/ TEETH	7/16	0.230	9610K19
D3619-4	4	BRASS GROMMET W/ TEETH	1/2	0.300	9610K21

NOTES:

1) PURCHASE INFO: MCMaster-CARR P/N'S INCLUDE THE FOLLOWING:

48 GROMMETS FOR SIZE 0 & 1,
24 GROMMETS FOR SIZE 2, 3 & 4,
D3619-XT1 HOLE PUNCH,
D3619-XT2 STRIKER BLOCK,
D3619-XT3 PUNCH AND
D3619-XT4 DIE

2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

3) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 150325 M5
17-02-07

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO35280**

Purchase Order Date 2/10/2017

PO Print Date 2/10/2017

Page Number 1 of 7

Order From :

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FEB 10 2017

Contact Name

Vendor Phone 330 995 5500

Ship To Contact

Ship To Phone

Ship Via:

Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	91525A120 ✓ AS PER DWG D3546 REV. A B156723 ✓	washer ✓	2/14/2017 Yes 2/14/2017		25.00 ✓ Each	\$0.25	\$6.26
Line Total:							\$6.26
2	92311A564 ✓ AS PER DWG D3533 REV. B B156724 ✓	Set Screw ✓	2/14/2017 Yes 2/14/2017		50.00 ✓ Each	\$0.23	\$11.65
Line Total:							\$11.65
3	9610K18 ✓ AS PER DWG D3619 REV. A B156725 ✓	JAS GROMMET ✓ 38 7-89	2/14/2017 Yes 2/14/2017		4.00 Each	\$13.31	\$53.24

Note:

2/10/2017

Recd 3x
SP17-02-15
Recd 1x SP 17-02-16



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO35280

Order Placed By
Chantal Lavoie

McMaster-Carr Number
6949633-01

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02/13/2017

Line	Product	Ordered	Shipped
3	9610K18 Mil. Spec. Two-Piece Grommet Kit Trade Size 2, 0.815" OD, 24 Grommets with Teeth Washers	4 Each	1 DAS 38 9-89

SP 17-02-16

Shipped separately from our Cleveland warehouse on 02/13

1	91525A120 316 Stainless Steel Washer Oversized, 1/4" Screw Size, 0.281" ID, 1" OD	1 Pack	1
2	92311A564 18-8 Stainless Steel Cup Point Set Screw 1/4"-28 Thread, 1" Long	1 Pack	1
3	9610K18 Mil. Spec. Two-Piece Grommet Kit Trade Size 2, 0.815" OD, 24 Grommets with Teeth Washers	4 Each	3
4	59915K274 PTFE-Lined Stainless Steel Ball Joint Rod End 3/8"-24 RH Male Shank, 3/8" Ball ID, 1-1/4" Long Thread	15 Each	15
5	8601K48 Wear-Resistant Natural Gum Foam Sheet 3/4" Thick, 36" Wide, Medium, 1' Long	1 Foot	1
6	7510A653 Plastic Syringe with Luer Lock Tip, 0.34 oz. Capacity	1 Pack	1
7	7291A24 Fastener-Holding Nutdriver Bit for Power Tools, Magnetic, 7/16" Hex Size, 2-5/8" Long	5 Each	5
8	7291A45 Fastener-Holding Nutdriver Bit for Power Tools, Magnetic, 1/2" Hex Size, 2-5/8" Long	5 Each	5
9	7291A23 Fastener-Holding Nutdriver Bit for Power Tools, Magnetic, 3/8" Hex Size, 2-5/8" Long	5 Each	5
10	7291A22 Fastener-Holding Nutdriver Bit for Power Tools, Magnetic, 5/16" Hex Size, 2-5/8" Long	5 Each	5
11	7291A21 Fastener-Holding Nutdriver Bit for Power Tools, Magnetic, 1/4" Hex Size, 2-5/8" Long	5 Each	5
12	5492A66 Ball-End Hex Bit 1/4" Hex Shank for Power Tools, 5/32" Hex Size	5 Each	5